



ASBESTOS DUST ANALYSIS

By: TRANSMISSION ELECTRON MICROSCOPY

Client: SAQ Environmental Engineers, Inc.
PO Box 155
Manati, PR 00674

CEI Lab Code: T14-1399

Date Received: 06-30-14

Date Analyzed: 07-01-14

Date Reported: 07-01-14

Project: Jorge Lucas Perez Valdivieso

TEM DUST WIPE (ASTM D6480-05)

Client ID Lab ID	Area Sampled (cm ²)	Area Analyzed (mm ²)	Filtration Factor	Analytical Sensitivity (s/cm ²)	# of Structures	Asbestos Type	Concentration (s/cm ²)
HOM-062614-W-FB-01 T27406	blank	0.095	10		0	None Detected	
HOM-062614-W-DO -02 T27407	100	0.095	10	1,000	0	None Detected	<1,000
HOM-062614-W-DO -03 T27408	100	0.095	10	1,000	0	None Detected	<1,000
HOM-062614-W-DO -04 T27409	100	0.095	10	1,000	0	None Detected	<1,000
HOM-062614-W-DO -05 T27410	100	0.095	10	1,000	0	None Detected	<1,000
HOM-062614-W-DO -06 T27411	100	0.095	10	1,000	0	None Detected	<1,000

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ANALYST:

Rachael Polmanteer

APPROVED BY:

Tianbao Bai, Ph.D.
Laboratory Director



107 New Edition Court, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

CHAIN OF CUSTODY

LAB USE ONLY:

CEI Lab Code:

CEI Lab I.D. Range:

Applied Building Sciences

Company: SAQ Environmental Engineers, Inc	Client #:
Address: PO Box 155, Manati P.R. 00674	Job Contact: Samuel Quiñonez
Project Name: Jorge Lucas Perez Valdivieso	Email: samuelq@saqee.com
	Tel: 787-374-6187

ASBESTOS	METHOD	4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAVIMETRIC	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR NIOSH	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM MICROVAC	ASTM D5755-09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPES	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>	<input type="checkbox"/>
POSITIVE STOP ANALYSIS		<input type="checkbox"/>					
SOUTH CAROLINA SAMPLES		<input type="checkbox"/>					

TEM INSTRUCTIONS

BEGIN TEM ANALYSIS AFTER NEGATIVE PLM

ANALYZE TEM SAMPLES SIMULTANEOUSLY WITH PLM

REMARKS: Analyzed by ASTM D6480.05

Collected by
Carlos E. Cordero
June-26-14



Accept Samples



Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Carlos E. Cordero	June-26-14	H386	06/26/14 8:00
H386	June-27-14 8:01	[Signature]	6/30/14 8:00

*Call to confirm RUSH analysis.

Samples will be disposed of 30 days after analysis

CEI  **LABS**

COMPANY CONTACT INFORMATION

Job Contact: Samuel Quiñones

Project ID #:

Tel: 787-374-6187

[illegible]

VERSION SCCC.06.12.1.2/2.LD
Customer COC Page 2



ALTOL ENVIRONMENTAL SERVICES, INC.
RECORD OF SAMPLE CUSTODY

1528



NAME OF CLIENT & POSTAL ADDRESS: <i>Homeca Recycling</i>				REMARKS <i>Jorge L. Perez Valdivieso</i>	
SAMPLE COLLECTED BY: <i>Carlos E. Casio / Carlos E. Casio</i>				<i>ENF 1161</i>	
SAMPLING WITNESSED BY: SIGNATURE: 				<i>Director office, office spaces</i>	
SAMPLE NO.	DATE	TIME	SAMPLE IDENTIFICATION	Analyzed wipes by ASTM D6480-05	
<i>Hom-062614-W-FB-01</i>	<i>June 26-14</i>	<i>1130</i>	<i>Field Blank</i>		
<i>Hom-062614-W-DO-02</i>	<i>June 26-14</i>	<i>1133</i>	<i>wipe from floor 10cm x 10cm, Director office, office #1</i>		
<i>Hom-062614-W-DO-03</i>	<i>June 26-14</i>	<i>1137</i>	<i>wipe floor 10cm x 10cm, Director office, Hallway area</i>		
<i>Hom-062614-W-DO-04</i>	<i>June 26-14</i>	<i>1145</i>	<i>wipe floor 10cm x 10cm, Director office, office space #4</i>		
<i>Hom-062614-W-DO-05</i>	<i>June 26-14</i>	<i>1147</i>	<i>wipe floor 10cm x 10cm, Director office, office space #3</i>		
<i>Hom-062614-W-DO-06</i>	<i>June 26-14</i>	<i>1153</i>	<i>wipe floor 10cm x 10cm, Director office, office space #2</i>		
RELINQUISHED BY: <i>Carlos E. Casio</i>				DATE: <i>June 26-14</i>	TIME:
RELINQUISHED BY: <i>AJ380</i>				DATE: <i>06/27/14</i>	TIME:
RECEIVED BY: <i>AJ380</i>				DATE: <i>06/26/14</i>	TIME: <i>18:20</i>
RECEIVED FOR LABORATORY BY: 				DATE: 	TIME:



ALTOL ENVIRONMENTAL SERVICES, INC. RECORD OF SAMPLE CUSTODY

1528



NAME OF CLIENT & POSTAL ADDRESS:				REMARKS			
Homeca Recycling				Jorge L. Perez Valdivoso			
SAMPLE COLLECTED BY: Carlos E. Casio / Carlos E. Casio				ENF 1161			
SAMPLING WITNESSED BY:				SIGNATURE:			
				Director office, other spaces			
				Analyzed wipes by ASTM D6480-05			
SAMPLE NO.	DATE	TIME	SAMPLE IDENTIFICATION				
Hom-062614-W-FB-01	June 26-14	1130	Field Blank				
Hom-062614-W-D0-02	June 26-14	1133	Wipe from 10m x 10m, Director office, office #1				
Hom-062614-W-D0-03	June 26-14	1137	Wipe from 10m x 10m, Director office, Hallway area				
Hom-062614-W-D0-04	June 26-14	1145	Wipe from 10m x 10m, Director office, office space #4				
Hom-062614-W-D0-05	June 26-14	1147	Wipe from 10m x 10m, Director office, office space #3				
Hom-062614-W-D0-06	June 26-14	1153	Wipe from 10m x 10m, Director office, office space #2				
RELINQUISHED BY: Carlos E. Casio							
DATE:		TIME:		RECEIVED BY:		DATE:	
June 26-14				A/3880		06/26/14 18:20	
RELINQUISHED BY:		DATE:		TIME:		RECEIVED FOR LABORATORY BY:	
A/3880		06/27/14					

Parque Industrial Sabanetas • Edif. 1380-M • Ponce, P.R.
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